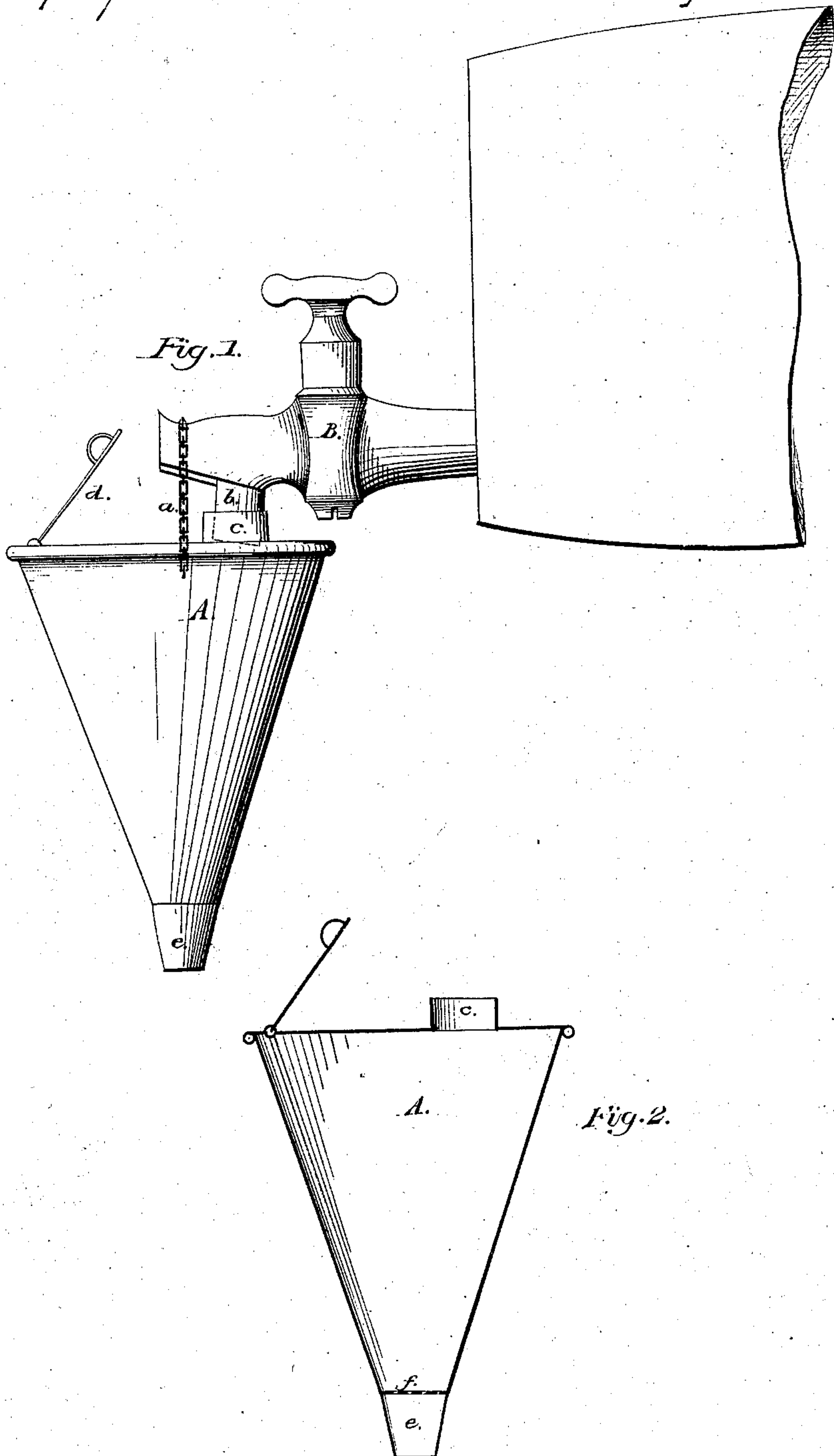


*J. Gatley,
Beer Cooler,*

N^o 67,869.

Patented Aug. 20, 1867.



WITNESSES:

*Francis N. Pastoreus
J. Keran*

INVENTOR:

Joseph Gatley

United States Patent Office.

JOSEPH GATLEY, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 67,869, dated August 20, 1867.

IMPROVED COOLER FOR LIQUORS ON DRAUGHT.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOSEPH GATLEY, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and improved Liquor Cooler; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention consists in the application of a cooler to the faucet of a barrel or other vessel from which liquor is drawn, by which it has its temperature lowered in passing through the ice contained in the said cooler and without having its head or head destroyed. On reference to the accompanying drawing, making part of this specification—

Figure 1 shows the cooler A suspended from the faucet B of a barrel, and

Figure 2 is a sectional view of the cooler A.

Similar letters refer to similar parts in the two views.

Liquors, when contained in vessels in confined places, become warm and unpalatable, especially malt liquors. The method generally adopted to cool them is by passing over pipes filled either with ice or icy-cold water. This destroys the head or head of malt liquors, without which they have a stale, flat taste.

I lower the temperature of a liquor, especially malt, after leaving the faucet B, by suspending an inverted conical ice-holder, A, from the faucet or other opening of a barrel or vessel in which it is contained, and which is constructed and arranged as follows: An adjusting-chain, *a*, or other suitable device, fixed to the cooler A, suspends it beneath the faucet in such manner that the nozzle *b* forms a connection with the interior of the cooler by taking into a neck or collar, *c*, on the top of it, (in some cases an opening or hole may be used.) One portion of said top consists of a lid, *d*, for the convenience of charging it with ice and observing its condition. At the bottom of the cooler, where it joins with the pipe or spout *e*, is a diaphragm or sieve, *f*, to contain the ice in the cooler and at the same time not interfere with the free flow of the liquor through it or its proper drainage.

To draw liquor from any vessel to which my cooler is applied, hold the glass or other vessel into which the liquor is to be drawn beneath the spout *e*, and open the spigot. The liquor, in passing from the nozzle *b* into the cooler, falls full upon the ice, every drop being brought into contact with it, and filters through, and thereby has its temperature lowered to nearly ice coldness by the time it empties into the glass. Malt liquors lose none of their foam or sparkling appearance by this treatment.

Bugs, flies, and vermin are attracted to the nozzle of the faucet by the saccharine ingredients of the liquor, and are drawn off with it, giving it an impure and unsalable appearance. My cooler lowers the temperature of the air around the nozzle too low to sustain insect life.

The cooler A may vary from the shape represented, so long as its general position to the faucet or other opening through which the liquor is drawn is retained.

What I claim as my invention, and desire to secure by Letters Patent, is—

The cooler A suspended from or beneath the faucet B or tap-hole or other opening through which liquors are drawn from their containing vessels, substantially as shown and described.

In testimony whereof I hereunto sign my name to this specification in presence of two subscribing witnesses.

JOSEPH GATLEY.

Witnesses:

FRANCIS D. PASTORIUS,

W. W. DOUGHERTY.